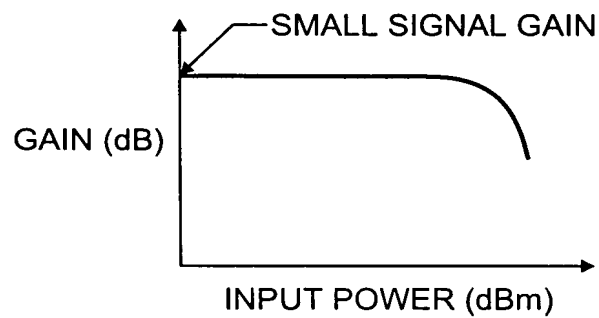


SCHEMATIC ILLUSTRATION OF THE  
RELEVANT ENERGY LEVELS OF ERBIUM IONS

FIG. 1



GAIN OF AN EDFA AS A  
FUNCTION OF INPUT SIGNAL POWER

FIG. 2

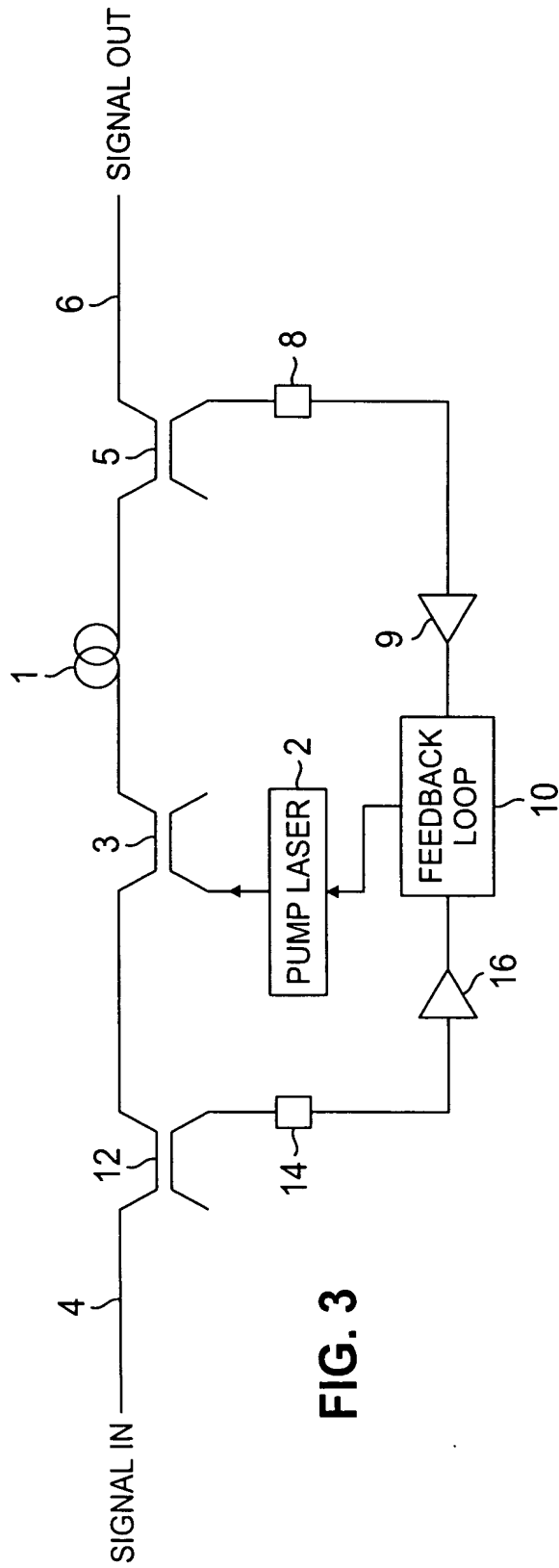


FIG. 3

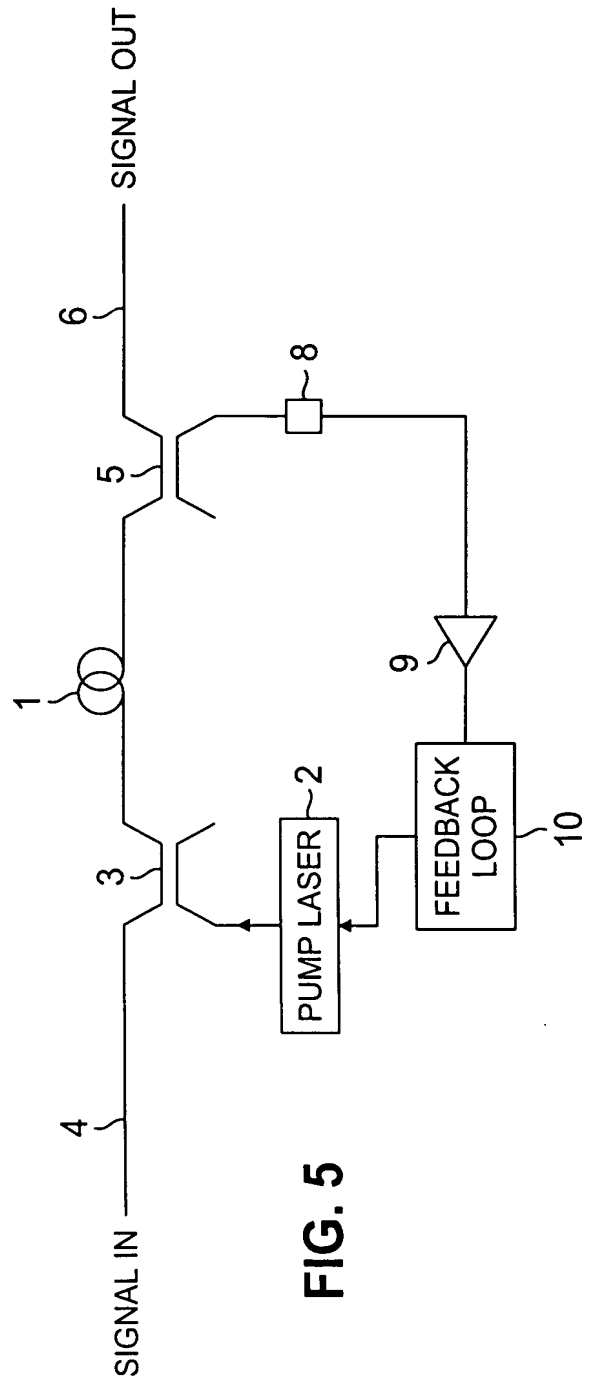
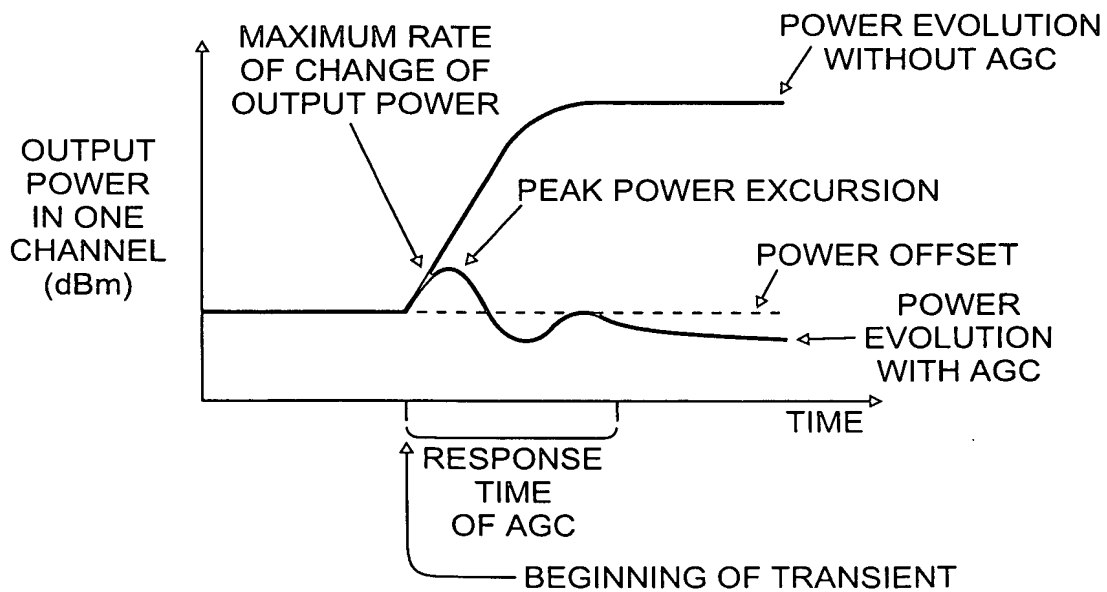
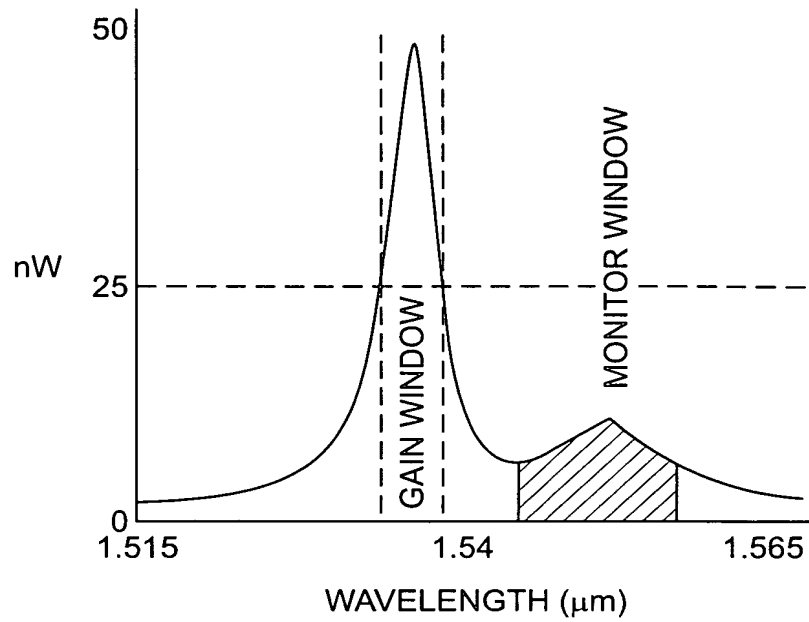


FIG. 5

FIG. 4



SCHEMATIC ILLUSTRATION OF THE EVOLUTION  
OF THE OUTPUT POWER OF ONE CHANNEL  
FROM A TYPICAL EDFA OPERATING UNDER AGC

FIG. 6



